

FIG.1

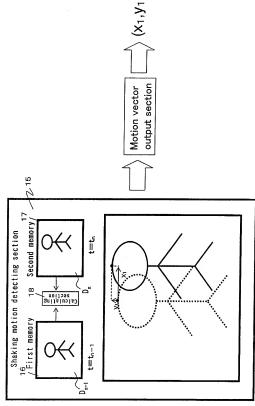
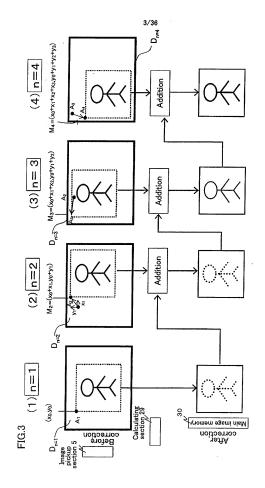


FIG.2



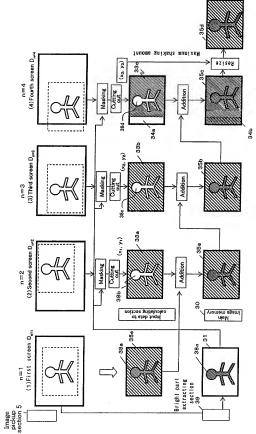


FIG.4

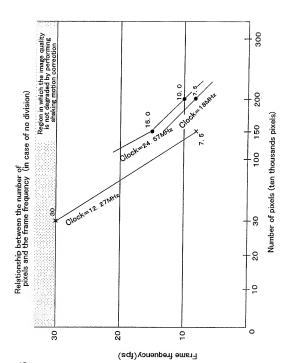


FIG.5

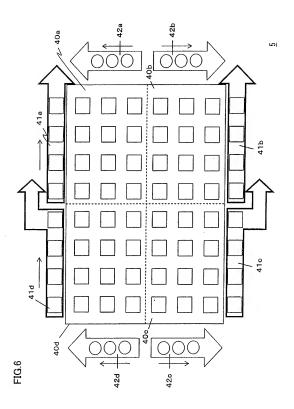
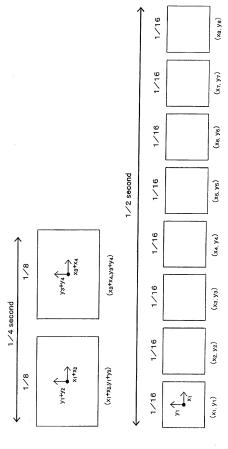
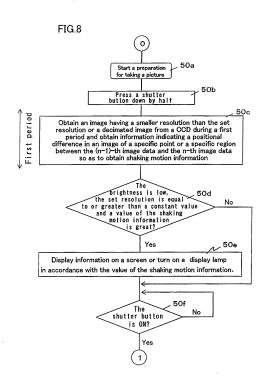
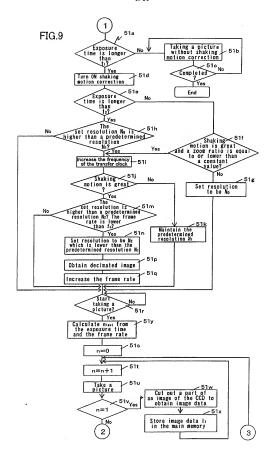


FIG.7







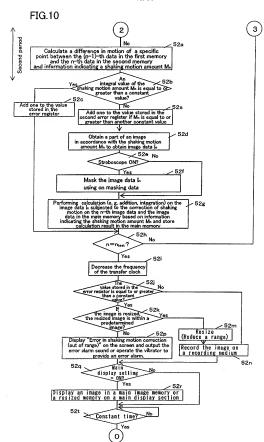
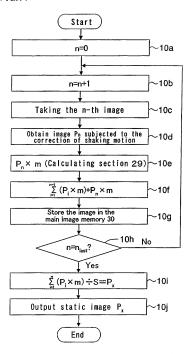
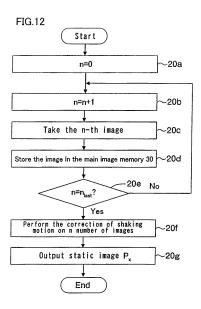


FIG.11





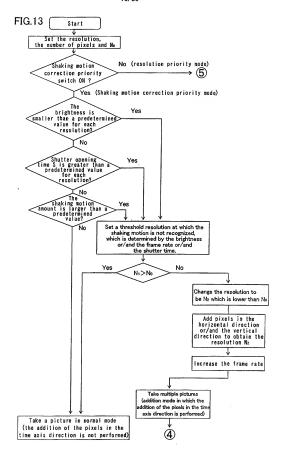
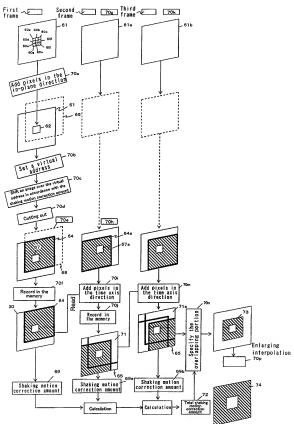


FIG.14



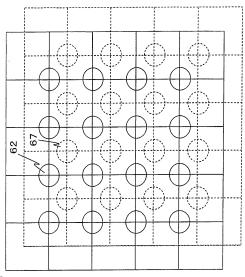
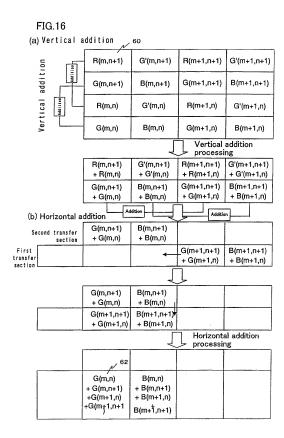


FIG.15



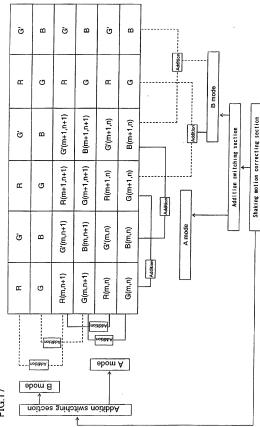


FIG.17



(a) Principle of interpolation (Reduction)

Original pixel

Pixel after interpolation

(b) Principle of interpolation (Enlargement)

Original pixel

Pixel after interpolation

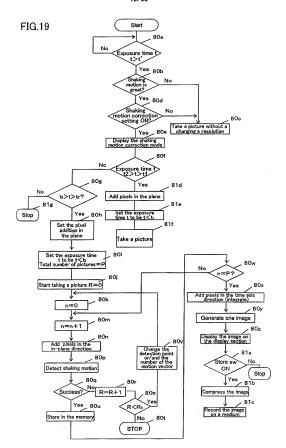
(c) Shaking motion correction with high resolution

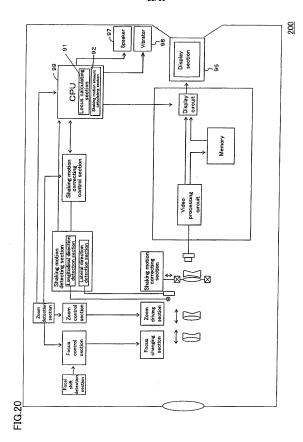
Shaking motion

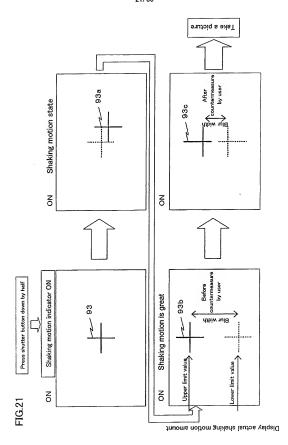
correction signal Shaking motion Shaking motion correcting signal generating section (resolution i/n pixel) Pixel calculating section detecting amount (resolution : i/n pixel) Original pixel Shaking motion detecting section

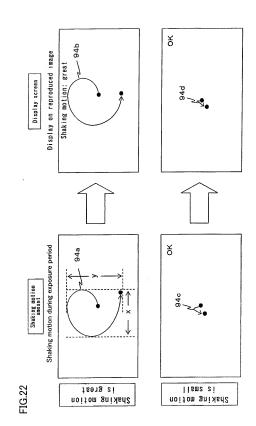
Image subjected to shaking motion correction: I(n) Addition in the time axis direction

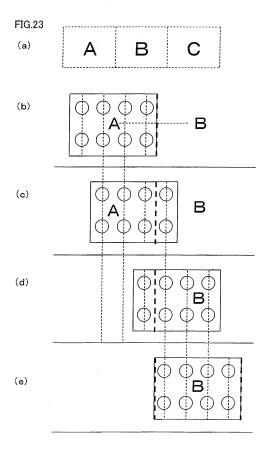
Record the image in the memory

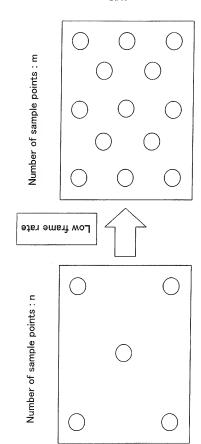


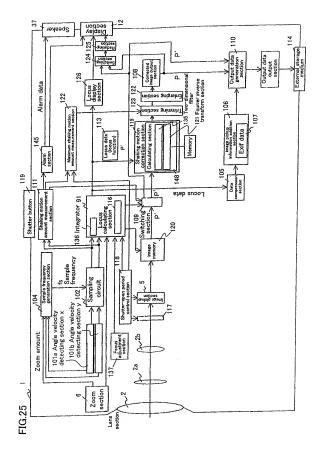












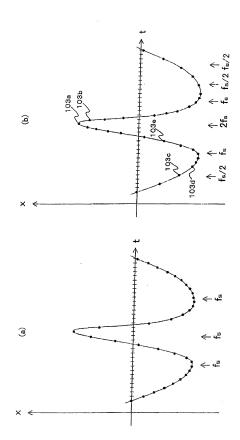
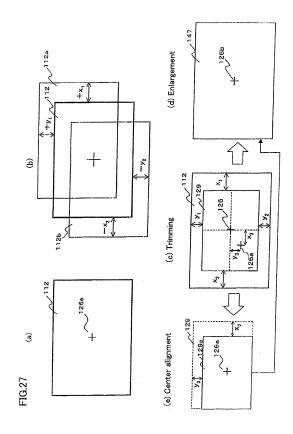
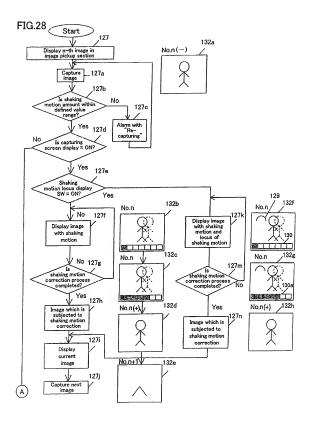
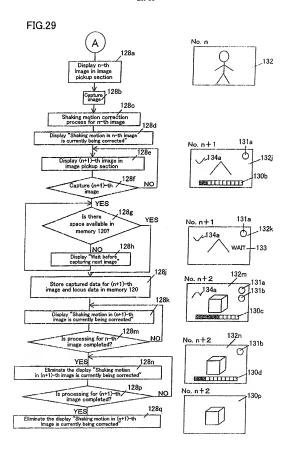
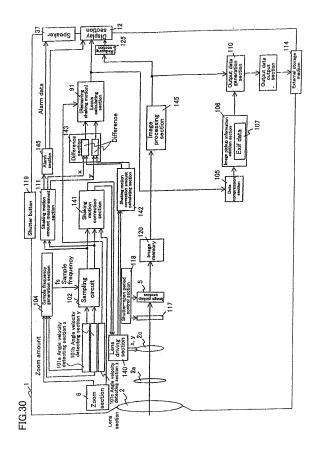


FIG.26









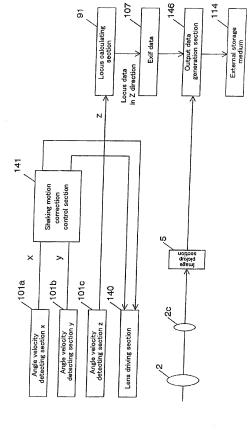


FIG.31

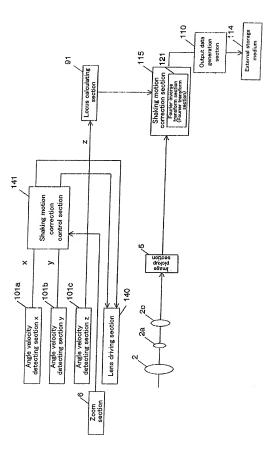
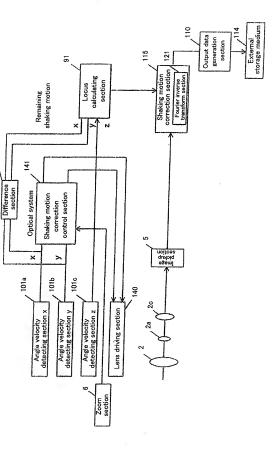
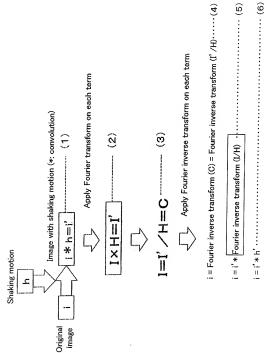


FIG.32



IG.33

IG.34



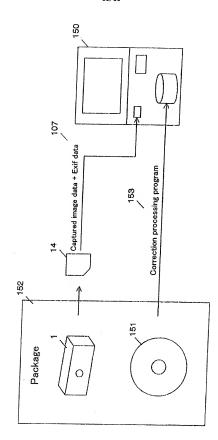


FIG.35

